



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on December 17, 1999.*

*Marianne J. Auther*  
Signature

Applicant : Tian-Min Liu  
Application No. : 09/433,730  
Filed : November 3, 1999  
Title : DUAL MODE QAM AND VSB RECEIVER  
  
Grp./Div. : 2713  
Examiner : Not Yet Assigned  
  
Docket No. : 33754/JWE/B600

**LETTER IN RESPONSE TO NOTICE TO  
FILE MISSING PARTS OF APPLICATION**

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231

P.O. Box 7068  
Pasadena, CA 91109-7068  
December 17, 1999

Commissioner:

In response to the Notice to File Missing Parts of Application dated **December 6, 1999**, enclosed are:

1. Copy of Notice to File Missing Parts of Application.
2. Missing Parts surcharge of **\$130.00**.
3. Executed Declaration and Power of Attorney.
4. An Assignment of the invention with the Recordation Form Cover Sheet in a separate envelope addressed to Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231, along with our check for \$40.00.

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required during the pendency of this application to Deposit Account No. 03-1728.

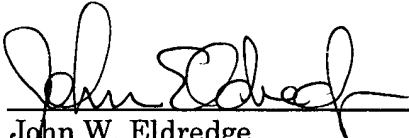
**Application No. 09/433,730**

Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Please address all communications to **CHRISTIE, PARKER & HALE, LLP, Post Office Box 7068, Pasadena, CA 91109-7068.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By   
John W. Eldredge  
Reg. No. 37,613  
626/795-9900

JWE/mg  
Enclosures  
MG IRV1032183.1-\* -12/17/99 12:23 PM



## UNITED STATES DEPARTMENT OF COMMERCE

## Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
--------------------	---------------------	-----------------------	---------------------------

09/433,730 11/03/99 JAFFE S 33754/JWE/B6

0242/1206

CHRISTIE PARKER & HALE LLP  
P O BOX 7068  
PASADENA CA 91109-7068

NOT ASSIGNED

Missing Pts Ntc  
2/6/2000

6/6/2000

DATE MAILED:

12/06/99

## NOTICE TO FILE MISSING PARTS OF APPLICATION

Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a

☐ small entity (statement filed) ☒ non-small entity is \$ 130☐ 1. The statutory basic filing fee is:

- ☐
- missing.
- 
- ☐
- insufficient.

Applicant must submit \$\_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. The following additional claims fees are due:

\$\_\_\_\_\_ for \_\_\_\_\_ total claims over 20.

\$\_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.

\$\_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒
- is missing or unsigned.
- 
- ☐
- does not cover the newly-submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).☐ 7. Your filing receipt was mailed in error because your check was returned without payment.☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice **MUST** be returned with the reply.Customer Service Center  
Initial Patent Examination Division (703) 308-1202

12/23/1999 HABARI 00000026 09433730 130.00 DP 01C:105